

**UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
08/625,993	04/01/96	STRAATS	E 04860.FI885

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EXAMINER
THLANG, E

ART UNIT
2305

PAPER NUMBER

DATE MAILED:

11/14/97

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.
08/625,993

Applicant(s)

Straats, Erik P.

Examiner

Eric S. Thlang

Group Art Unit
2305



☒ Responsive to communication(s) filed on Sep 4, 1997

☒ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

☒ Claim(s) 6-23 is/are pending in the application.

Of the above, claim(s) _____ is/are withdrawn from consideration.

☐ Claim(s) _____ is/are allowed.

☒ Claim(s) 6-9, 13-16, 19, 20, and 23 is/are rejected.

☒ Claim(s) 10-12, 17, 18, 21, and 22 is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been received.

☐ received in Application No. (Series Code/Serial Number) _____

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☒ Notice of References Cited, PTO-892

☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). 3

☐ Interview Summary, PTO-413

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

Part III DETAILED ACTION

Response to Amendment

1. This Office Action is responsive to the amendment filed August 20, 1997.
2. The applicant has been canceled claims 1-5, and added claims 6-23. Once again, claims 6-23 are present for reexamination.

Drawings

3. This application has ~~been~~ filed with informal drawings which are acceptable for examination purposes only. Formal drawings will be required when the application is allowed.
4. Direct any inquires concerning drawing review to the Drawing Review Branch at (703) 305 - 8404.
5. Applicant filed amendment on September 4, 1997 have been fully considered but are moot in view of the new grounds of rejection. New prior arts have been found to cover this aspect of the invention.

Claim Rejections - 35 U.S.C. § 102

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

7. Claim 6-9, 13-16, 19, 20, and 23 are rejected under 35 U.S.C. § 102(e) as being anticipated by Worsley et al. (U.S. 5,594,734).

Worsley (5594734) discloses (e.g., see Figs. 118, title, and abstract) the invention substantially as claimed:

As per claims 6 and 16, Worsley teaches a method comprising configuring an

- (a) isochronous channel (col. 25, lines 47-63);
- (b) including a linked list of buffers (col. 11; col. 10, lines 1-67; col. 12, lines 1-65); and
- (c) within a computer system to receive isochronous data (e.g., see abstract) at said linked list of buffers.

As per claim 7, 13, and 14, Worsley teaches all claimed limitations as applied to claims above. Furthermore, Worsley teaches a first node of said computer system

to transmit said isochronous data to be received at said linked list of buffers (col. 26, lines 15-58).

As per claims 8 and 19, Worsley teaches all claimed limitations as applied to claims above. Furthermore, Worsley teaches a second node of said computer system to receive said isochronous data from said linked list of buffers (col. 1, lines 51-64).

As per claims 9 and 20, Worsley teaches all claimed limitations as applied to claims above. Furthermore, Worsley teaches isochronous channel comprises executing computer readable instructions (storage device/hard drive) (col. 23, lines 13-57) on a central processing unit (col. 23, lines 34-57) that cause said CPU to create said isochronous channel by assigning a unique channel identifier to said isochronous channel, said isochronous channel being a data path within said computer system.

As per claim 15 and 23, Worsley teaches all claimed limitations as applied to claims above. Furthermore, Worsley teaches interrupting said CPU and transferring said isochronous data from a port coupled to CPU to said linked list of buffers (col. 4, lines 10-22).

8. Claims 10-12, 17, 18, 21, and 22 are objected to as being dependent upon a rejected base claim, it would be allowable if written in an independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for response to this final action is set to expire THREE MONTHS from the date of this action. In the event a first response is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event will the statutory period for response expire later than SIX MONTHS from the date of this final action.

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.


11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eric S. Thlang whose telephone number is (703) 305-4004. The examiner can normally be reached on Monday - Thursday from 7:00 a.m. to 4:30 p.m. The examiner can also be reached on alternate Fridays during the same hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Harvey, can be reached on (703) 305-9705. The fax phone number for this Group is (703) 308-9051 or (703) 308-9052.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to **[jack.harvey@uspto.gov]**.

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

EST
October 31, 1997


AYAZ R. SHEIKH
PRIMARY EXAMINER
GROUP 2300